FW951 Integrated Frost Free fridge freezer

Manual for Installation, Use and Maintenance

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Important

The CDA Group Ltd cannot be held responsible for injuries or losses caused by incorrect use or installation of this product. Please note that CDA reserve the right to invalidate the guarantee supplied with this product following incorrect installation or misuse of the appliance.

This appliance is not designed to be used by people (including children) with reduced physical, sensorial or mental capacity, or who lack experience or knowledge about it, unless they have had supervision or instructions on how to use the appliance by someone who is responsible for their safety.

Under no circumstances should any external covers be removed for servicing or maintenance except by suitably qualified personnel.

Appliance information:

Please enter the details on the appliance rating plate below for reference, to assist CDA Customer Care in the event of a fault with your appliance and to register your appliance for guarantee purposes.

Appliance Model	

Serial Number	

CE Declarations of Conformity:

This appliance has been designed, constructed and marketed in compliance with safety requirements of EEC Directive 2006/95/EEC (Low voltage) and requirements of EMC Directive 2004/108/EEC.

This appliance has been manufactured to the strictest standards and complies with all applicable legislation, including Electrical safety (LVD) and Electromagnetic interference compatibility (EMC). Parts intended to come into contact with food conform to EEC/89/109.4

IMPORTANT INFORMATION FOR CORRECT DISPOSAL OF THE PRODUCT IN ACCORDANCE WITH EC DIRECTIVE 2002/96/EC.

At the end of its working life, the product must not be disposed of as urban waste. The refrigeration system contains insulating gases and refrigerants, which require specialised waste disposal. The valuable materials contained in this appliance can be recycle. It must be taken to a special local authority differentiated waste collection centre or to a dealer providing this service.

Before disposing of an old appliance, remove the door seals, latch or bolt lock to avoid the risk of child entrapment.

Disposing of a household appliance separately avoids possible negative consequences for the environment and health deriving from inappropriate disposal and enables the constituent materials to be recovered to obtain significant savings in energy and resources. As a reminder of the need to dispose of household appliances separately, the product is marked with a crossed-out wheeled dustbin.

Important

Never store inflammable or explosive items and strong corrosive acids or alkalis in the appliance.

This is a household appliance, which is produced in accordance with the national standard. It is intended for food storage only, not for storage of blood, medicine and biological products.

To prevent risk of fire, keep the appliance away from petrol or any other inflammables.

To prevent risk of electromagnetic interference or other accidents, do not place a microwave oven on top of the refrigerator or use any electric appliance inside the refrigerator.

Do not allow children to play with or near the appliance.

The internal surface of freezer compartment is very cold when the appliance is running. Do not touch the surface especially when hands are wet.

Do not splash water onto the appliance. Keep it away from places of high humidity that may have adverse effect on the electric insulation performance.

This appliance is designed to be used in ambient temperatures between 16 and 43℃. Use outside of this range may cause the appliance to fail.

Before first use

You must allow the fridge to settle for at least twenty four hours prior to switching the power on.

It is recommended that you clean the interior of the appliance prior to first use, using a solution of bicarbonate of soda and warm water and then thoroughly drying the interior.

The fridge may have an odour to it at first use. This will disappear as the appliance cools.

Please note:

The appliance will work continuously until it comes down to the correct temperature.

The temperatures are preset at the factory to 5 for the fridge and -18 for the freezer.

It takes two to three hours for the fridge and freezer to reach temperatures appropriate to store food.

If the appliance is switched off, you should allow five minutes before switching it on again to prevent unnecessary damage to the compressor.

Use

Fridge

- Never put liquids in the refrigerator uncovered.
- Never put hot foods in the refrigerator. Warm food should be allowed to cool to room temperature before being put into the refrigerator.
- Nothing should rest against the rear wall of the refrigerator, as this will cause frost and possible condensation problems which will be difficult to remove.
- Make sure food is clean and any extra water is wiped away before putting into the fridge.
- Wrap or cover food before putting into the fridge. This will help prevent the loss of moisture, keep food fresh and avoid unpleasant odours.
- Sort foods prior to storing. Any foods to be used soon should be stored at the front of the shelf to prevent deterioration caused by the door being open for prolonged periods.
- Do not overfill the fridge. There should be sufficient space between the foods to allow the cool air to circulate.
- Thawing frozen foods in the fridge compartment will help to keep the temperature low and save energy.

Freezer

- The freezer compartments are designed to store only frozen food.
- Never put hot or warm foods in the freezer, allow them to cool fully before putting them into the freezer.
- Follow the instructions on the food packaging for storage of frozen food. If no information is provided, foods should not be stored for more than three months after the purchase date.
- Store food in small packages (ideally less than 2.5kg). This reduces the freezing time and improves the quality of the food after thawing.
- Wrap food before putting into the freezer. To stop the wrapping sticking together, ensure it is dry.
- Label the food before freezing with information including type of food and dates of storage and expiry.
- Once food is thawed, it must not be refrozen unless it has been completely cooked. Only defrost as much food as is required to prevent wastage.
- Bottled or canned drinks should not be stored in the freezer compartment as they could explode.
- Check the rating plate to confirm the maximum amount of fresh food that can be frozen within a 24 hour period. Do not attempt to freeze more than the maximum amount.

Storage

The fridge section is for short term food storage. Although the temperature can be maintained between 0-10℃, extended periods of food storage is not recommended.

As the cold air circulates within the fridge, the temperature can vary between the different sections. As such, foods should be stored in different sections according to type. Section 6 is the coldest part of the fridge.

1. Butter
2. Food in jars and bottles
3. Drinks , e.g. milk
4. Cooked food
5. Yogurts and cheese
6. Fresh meat and fish
7. Fruit and vegetables

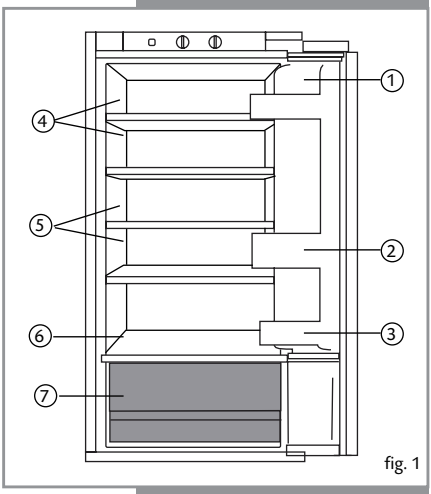


fig. 1

The fridge shelves can be moved according to the storage requirements within the fridge section.

To move the shelf, lift up the front section and then pull it outwards. To replace, slide the shelf back into the slot, and the lower the front section.

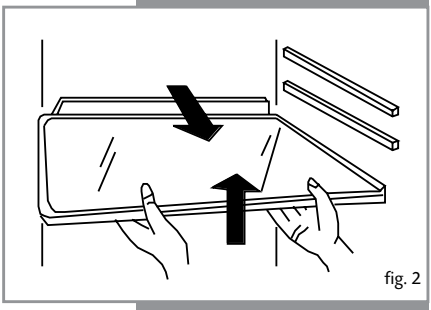


fig. 2

The salad crisper is designed with a humidity control to ensure fruit and vegetables last longer.

This can be adjusted by the slider at the front right of the salad crisper.

Fully opening the slider control to high humidity restricts the amount of dry air entering the crisper from the fridge compartment, extending the life of items such as lettuce and cucumber.

Open (fully left) = Low.

Closed (fully right) = High.

Control panel

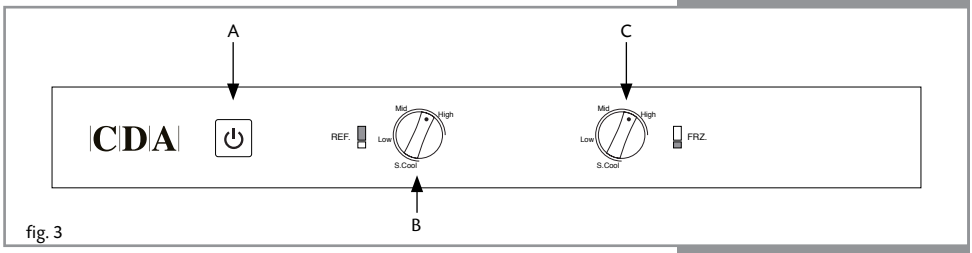


fig. 3

A. Power button

To put the fridge freezer on standby press and hold the power button for approximately three seconds. The power light will flash. To start the compressor working again, press and hold the standby button for approximately three seconds until the power light stays lit.

B. Fridge thermostat dial

The fridge temperature is regulated by this dial.

The thermostat can be set between fully anticlockwise (super cool function) and fully clockwise (least cold).

The super cool function can be used when introducing large quantities of fresh food to maintain an optimal temperature in the fridge section.

To switch on the super cool function, turn the fridge thermostat dial to super cool.

Once the food is sufficiently chilled, turn the thermostat dial back to the previous setting.

IMPORTANT Do not use the super cool function for more than 24 hours.

C. Freezer thermostat dial

The freezer temperature is regulated by this dial.

The thermostat can be set between fully anticlockwise (super freeze function) and fully clockwise (least cold).

The super freeze function can be used to freeze large quantities of fresh food as quickly as possible.

To switch on the super freeze function, turn the freezer thermostat dial to super freeze

Once the food is frozen, turn the thermostat dial back to the previous setting.

IMPORTANT Do not use the super freeze function for more than 24 hours.

Door open alarm

This appliance is equipped with an alarm that will activate when the fridge or freezer doors are left open for more than sixty seconds.

If the fridge door is not closed, the alarm will sound three times every thirty seconds.

Care and cleaning

Always disconnect the appliance from the power supply before any cleaning or maintenance.

Both fridge and freezer are frost free and as such this appliance is designed not to require defrosting.

The fridge and freezer sections should be cleaned using a solution of bicarbonate of soda and lukewarm water. Do not use abrasive products or detergents. After washing, rinse and dry thoroughly.

Clean the shelves and balconies separately by hand with soap and water. Do not put them in the dishwasher.

Once cleaning is complete, then reconnect the power.

If the appliance is not to used for prolonged periods of time, unplug and clean the appliance. The doors should be left slightly open to prevent the formation of mildew and smell.

Defrosting the fridge

The fridge is cooled by convection using cold air forced through channels at the rear of the fridge. No defrosting is required.

Defrosting the freezer

The freezer is frost free and as such is designed not to require defrosting.

To switch off the compressor for a short period of time and so to force a defrost cycle, push and hold the Audio Alert Release / Force Defrost button for approximately five seconds. After 20 seconds, the defrosting process will begin.

Troubleshooting

If you have any problems with your appliance, you should check the troubleshooting prior to calling CDA Customer Care to prevent unnecessary service calls and potential cost.

If the appliance is not working

- Check there is power to the appliance.
- The power button on the control panel is switched on.
- The house fuses are intact and the fuse in the plug has not blown.
- The thermostat is not set to off.
- The plug socket is functioning fine. To check this, plug another electrical appliance in to see if the socket is faulty.

The appliance is working, but not very well

- The appliance is not overloaded.
- The thermostat is set to an appropriate temperature.
- The doors are closing properly.
- The cooling system at the rear of the appliance is clean and free of dust, and not touching the rear wall.
- There is enough ventilation at the side and rear walls.

The appliance is noisy

- The appliance is level and stable.
- The side and rear walls are clear, and there is nothing resting on the appliance.
- The cooling gas in the refrigerator will make a slight bubbling noise, even when the compressor is not running.

Please note:

The LED lighting cannot be replaced without a service call. If the light fails, contact CDA Customer Care.

Installation And Ventilation

This appliance must never be installed close to heat sources, e.g. heating elements, cookers or in damp places.

- To ensure the appliance is level, you should use the height adjustable feet at the front of the appliance.
- The cooling system at the rear of the appliance must not touch the rear wall.
- The appliance must be installed with adequate ventilation. Ensure that there is clearance above the appliance to allow air to escape and that there is space between the rear of the appliance and the wall.

The diagram shows the ventilation requirements for your appliance.
Failure to provide adequate ventilation can lead to increased running costs and premature failure and may invalidate the warranty provided with the appliance.

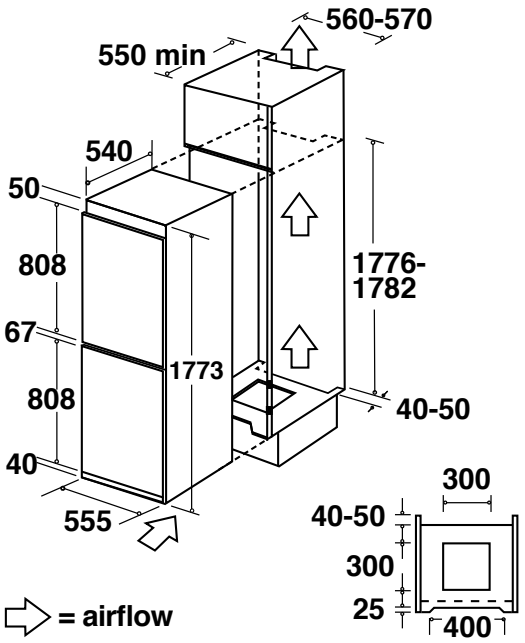


fig. 4

Ventilation

To ensure that the refrigerator functions correctly and to ensure long term reliability it is important that adequate ventilation is provided. Air must be allowed to enter the area under the cabinet and flow freely up the rear channel of the cabinet. The cabinet should also have an open top to ensure air can escape. The diagram below shows a typical example:

A ventilation grille is required somewhere in the run of cabinets, although it is not necessary that this be located in the front plinth. The requirement is simply that there must be a free air intake so that air can enter underneath the product.

Preparation before installation:

1. If the door is to be reversed, remove and refit the hinges on the opposite side, as shown in figure 5.
2. For cabinet of material thickness less than 15mm then install the clearance adjustment plate shown in figure 5. Please ensure that the hinge screw cover pins are refitted in the non-hinge holes.
3. Attach the upper fastening brackets to the top of the fridge using two screws and then fit the top support cover, ensuring it can be removed freely (figure 6).
4. Screw the lower fixing brackets into position on the opposite side to the hinges and then secure the position adjusting plate to the lower fixing bracket (figure 7).
5. Fit the ventilation deflector onto the back cover of the compressor, as shown in figure 8.
6. Remove the door gasket protector from the door and install it onto the top hinge, as shown in figure 9.

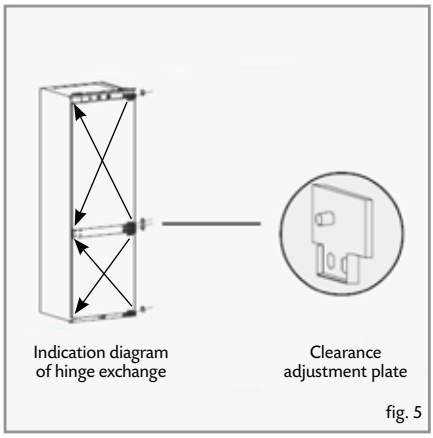


fig. 5

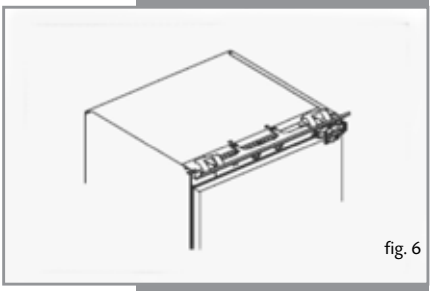


fig. 6

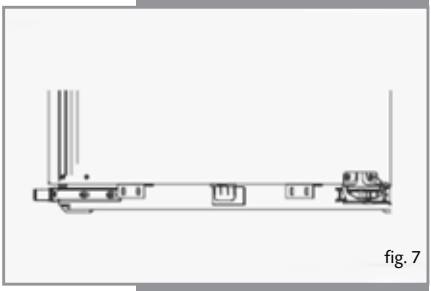
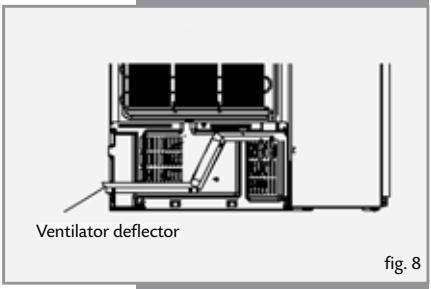


fig. 7


Ventilator deflector
fig. 8

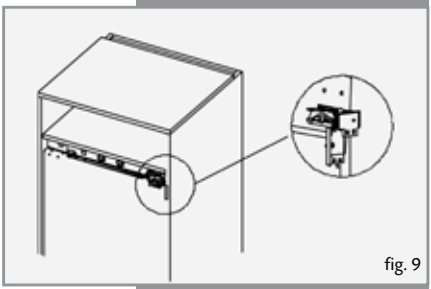


fig. 9

Fitting the product into the cabinet

1. Position the refrigerator in the cabinet, making sure the mains lead is not trapped and that the plug will be accessible after installation.
2. Ensure that the door gasket protector and the lower position adjusting plate are located against the cabinet walls (figure 10).
3. Align the refrigerator centrally in the cabinet space.
4. Secure the refrigerator to the cabinet sides using the supplied screws (figure 11) and then and then secure the lower fixing bracket position plate to the cabinet walls (figure 12).

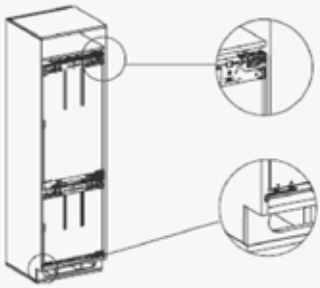


fig. 10

fig. 11

fig. 12

Fitting the cabinet fascia doors

First, fit the upper fascia by following the steps below. After fitting the upper fascia in the correct position, use the lower edge of the upper fascia as a guide for positioning the lower fascia (A distance between the two fascias when installed is normally between 2 and 4mm) and fit the lower fascia.

1. With the door open and using the fitting guides, position the door in the required position with respect to the cabinet (figure 13).
2. Without moving the fitting guides, remove the upper fixing plate on the door by removing the fixing plate securing nuts (figure 14).
3. Place the fascia door upside down on a protective cloth or similar and position the fixing plate centrally in its required position, using the guides to help you (figure 15) and secure the plate in position using wood screws of appropriate length. Please take care to ensure the screws selected will not punch through the fascia door.
4. Remove the fitting guides.
5. Attach the fascia door assembly to the refrigerator (onto the height adjustment screws) and loosely fit the securing nuts. At this stage the final vertical and horizontal position of the fascia assembly may need adjustment (figure 16).
6. Check and align the position of the fascia door, as shown in the next section. When done, secure the fascia in position using the lower fascia fixing brackets and supplied screws (figure 17).

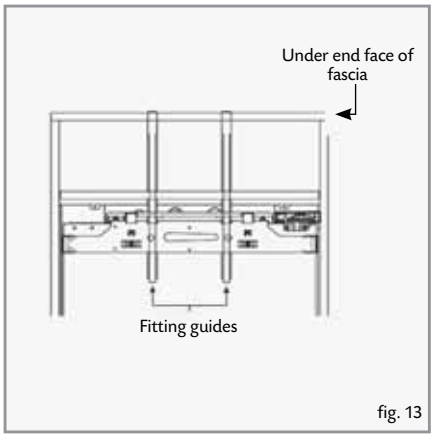


fig. 13

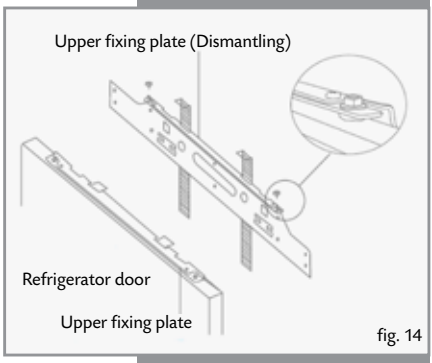


fig. 14

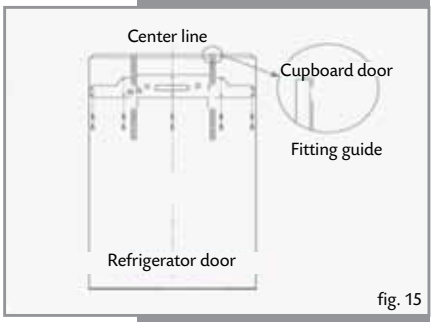


fig. 15

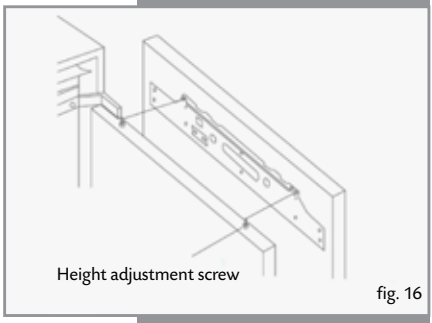


fig. 16

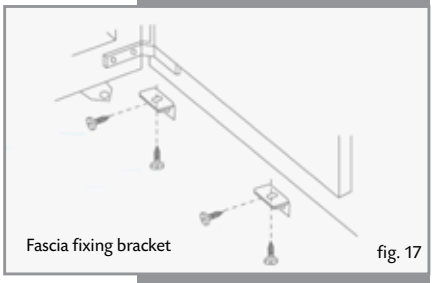


fig. 17

Adjusting the position of the fascia doors

The position of the fascia doors can be made in all 3 axes by following the guide shown below (figure 18). If the range of adjustment detailed below is not enough then the refrigerator is not located correctly in the cabinet and/or the upper fascia fixing plates are incorrectly positioned.

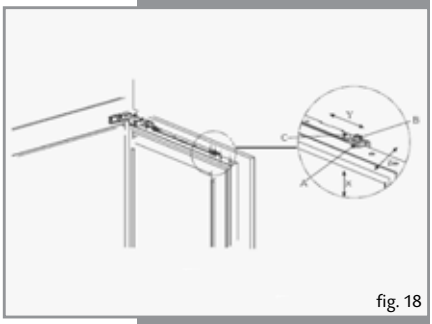


fig. 18

Horizontal adjustment (Y):

1. Loosen the upper fixing plate nuts (B).
2. Slide the plate left or right as required; this gives approximately 5mm of adjustment.
3. Tighten the fixing nuts to lock the fascia in position.

Vertical adjustment (X):

To adjust the vertical position of the door, use a 5mm spanner and turn the height adjustment screw as required.

Depth adjustment (Z):

Ensure that the vertical and horizontal positions are correct before adjusting the depth.

1. Loosen the depth adjustment screw (C).
2. Move the fascia in or out, as required; this gives an adjustment of approximately 3mm. the lower fascia brackets are slotted to allow alignment of the fascia at the bottom. This is shown in figure 19.

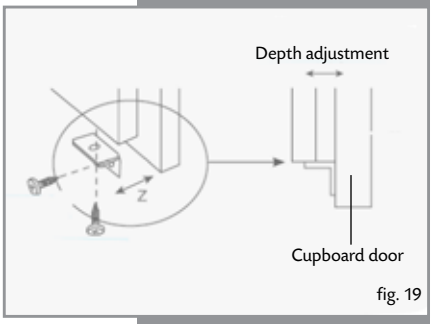


fig. 19

Fitting the trims and cover pieces

1. Fit the decorative fixing plate covers (2 of) as shown in figure 20.
2. Fit the upper fixing plate side covers (4 of) as shown in figure 21.
3. Secure the refrigerator in position to the top cabinet shelf and fit the top support cover (figure 22).
4. Fit the two cabinet sealing strips into the gap between the refrigerator and the cabinet sides (figure 23).
5. Fit the hinge covers (4 of) as shown in figure 24.
6. Check that the lower fixing bracket screws are tight and then fit the cover (figure 25).
7. Fix the refrigerator to the cabinet through the hinge fixings, as shown in figure 26.

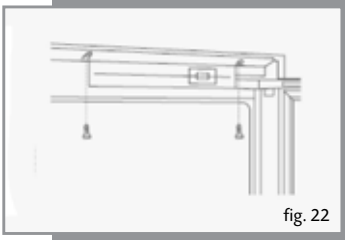


fig. 22

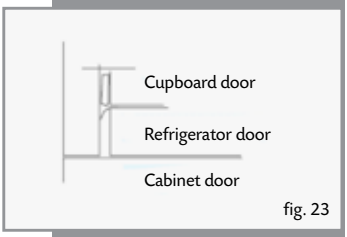


fig. 23

fig. 24

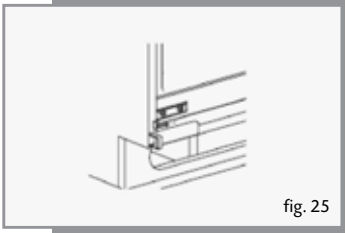


fig. 25

fig. 26

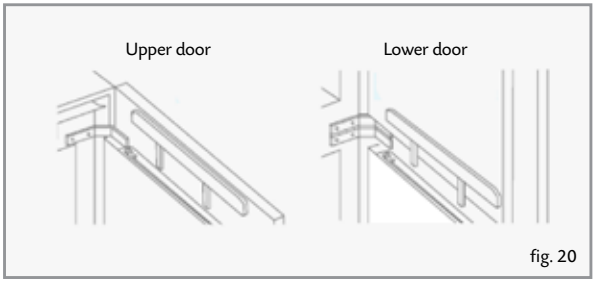


fig. 20

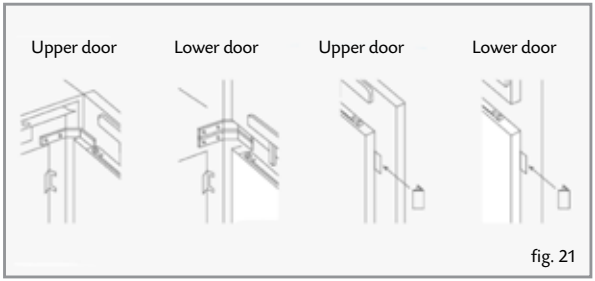
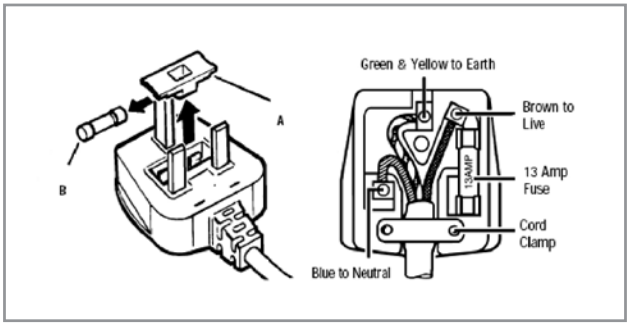


fig. 21

Electrical information

Warning! This appliance must be earthed.



The mains lead of this appliance has been fitted with a BS 1363A 13 amp fused plug. To change a fuse in this type of plug, follow the steps below:

1. Remove the fuse cover and fuse.
2. Fit replacement 13A fuse, ASTA approved to BS 1362 type, into the fuse cover.
3. Replace fuse cover.

Important: Do not use the appliance without the fuse cover in position.

How to connect an alternative plug

If the fitted plug is not suitable for your socket outlet, then it should be cut off and disposed of safely to avoid possible shock hazard. A suitable alternative plug of at least 13 Amp rating to BS 1363 should be used.

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:-

- The wire which is coloured GREEN and YELLOW must be connected to the terminal which is marked with letter (E) or by the Earth symbol ⏚ or coloured GREEN and YELLOW.
- The wire which is coloured BLUE must be connected to the terminal which is marked with the letter (N), or coloured BLACK.
- The wire which is coloured BROWN must be connected to the terminal which is marked with the letter (L) or coloured RED.

If in doubt regarding the electrical connection of this appliance, consult a qualified electrician. Do not shorten the supply cable, the appliance may require removing for servicing.

N.B. Ensure that the plug socket is situated in an easily accessible place after installation.

|C|D|A|

To contact our Customer Care Department, or for Service,

please contact us on the details below.

Customer Care Department • The |C|D|A| Group Ltd. • Harby Road • Langar • Nottinghamshire • NG13 9HY
T : 01949 862 012 **F** : 01949 862 003 **E** : service@cda.eu **W** : www.cda.eu